

ANTENNA COUPLING MODULE

5

ABSTRACT OF THE DISCLOSURE

An antenna coupling module for electromagnetically coupling a planar antenna and a planar type oxide superconductive high frequency circuit not reducing the antenna effective area and sharply reducing the signal loss due to coupling, comprised of a planar antenna and a substrate forming a planar superconductive high frequency circuit arranged in a perpendicular direction with respect to the element surface of the planar antenna and having the planar antenna and the superconductive high frequency circuit electromagnetically coupled.